

LISTING AND AMENDMENTS TO THE CLAIMS

This listing of claims will **replace** all prior versions, and listings, of claims in the application.

What is claimed is:

1. (currently amended) Video apparatus comprising:
a receiver ~~(5 ; 5, 8)~~ for converting an RF signal ~~(RF)~~ into a video signal ~~(CVBS ; YCrCb)~~;
processing means ~~(8 ; 10)~~ receiving the video signal ~~(CVBS ; YCrCb)~~ and outputting an encoded stream ~~(YCrCb ; MPEG)~~ based on the video signal ~~(CVBS ; YCrCb)~~;
an indicator ~~(AGC ; IF_AMP)~~ of a characteristic of the RF signal ~~(RF)~~;
control means ~~(14)~~ for adjusting the processing means ~~(8 ; 10)~~ based on the indicator ~~(AGC ; IF_AMP)~~.
2. (currently amended) Video apparatus according to claim 1, wherein the processing means ~~(8 ; 10)~~ includes an adjustable filter ~~(84)~~ and wherein the control means ~~(14)~~ includes means for adjusting the adjustable filter ~~(84)~~ based on the indicator ~~(AGC ; IF_AMP)~~.
3. (currently amended) Video apparatus according to claim 2, wherein the receiver ~~(5)~~ outputs the video signal ~~(CVBS)~~ as an analogue signal and wherein a video decoder ~~(8)~~ converts the analogue signal ~~(CVBS)~~ into a digital stream ~~(YCrCb)~~.
4. (currently amended) Video apparatus according to claim 3, wherein the video decoder ~~(8)~~ comprises the adjustable filter ~~(84)~~.
5. (currently amended) Video apparatus according to claim 1, wherein the processing means includes an encoder ~~(10)~~ having an adjustable encoding bit-rate and wherein the control means ~~(14)~~ includes

means for adjusting the encoding bit-rate based on the indicator ~~(AGC ; IF_AMP)~~.

6. (currently amended) Video apparatus according to claim 1, wherein the characteristic is the amplitude of the RF signal ~~(RF)~~.

7. (currently amended) Video apparatus according to claim 1, wherein the indicator is a voltage ~~(AGC)~~ controlling the gain of an amplifier ~~(42)~~ of the receiver ~~(5 ; 5, 8)~~.

8. (currently amended) Video apparatus according to claim 1, wherein the receiver comprises a tuner ~~(4)~~ which outputs an IF signal ~~(IF)~~ and wherein the indicator ~~(IF_AMP)~~ is the amplitude of the IF signal ~~(IF)~~.

9. (currently amended) Video apparatus according to claim 1, wherein the control means comprises a micro-processor ~~(14)~~.

10. (currently amended) Video apparatus according to claim 9, wherein the micro-processor ~~(14)~~ has means for receiving a signal representative of the indicator ~~(AGC ; IF_AMP)~~ and means ~~(DEC_BUS)~~ for sending control data to adjust the processing means ~~(8)~~.

11. (currently amended) Video apparatus according to claim 5, wherein the characteristic is the amplitude of the RF signal ~~(RF)~~.

12. (currently amended) Video apparatus according to claim 5, wherein the indicator is a voltage ~~(AGC)~~ controlling the gain of an amplifier ~~(42)~~ of the receiver ~~(5 ; 5, 8)~~.

13. (currently amended) Video apparatus according to claim 5, wherein the receiver comprises a tuner ~~(4)~~ which outputs an IF signal ~~(IF)~~ and wherein the indicator ~~(IF_AMP)~~ is the amplitude of the IF signal ~~(IF)~~.

14. (currently amended) Video apparatus according to claim 5, wherein the control means comprises a micro-processor (14).

15. (currently amended) Video apparatus according to claim 14, wherein the micro-processor (14) has means for receiving a signal representative of the indicator (AGC ; IF_AMP) and means (DEC_BUS) for sending control data to adjust the processing means (8).